

RAW SEQUENCE LISTING

EFS

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/554,308B
Source: IFWO.
Date Processed by STIC: 2/2/07

ENTERED

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/554,308B

CRF Edit Date: 2/2/07
Edited by: AC

_____ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

_____ Corrected the SEQ ID NO. Sequence numbers edited were:

_____ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

_____ Deleted: invalid beginning/end-of-file text ; page numbers

_____ Inserted mandatory headings/numeric identifiers, specifically:

_____ Moved responses to same line as heading/numeric identifier, specifically:

_____ Other: corrected opening bracket in <1517 numeric identifier



IFWO

RAW SEQUENCE LISTING

DATE: 02/02/2007

PATENT APPLICATION: US/10/554,308B

TIME: 16:06:54

Input Set : N:\efs\01_31_07\10554308B_efs\PTO.AMC.txt
Output Set: N:\CRF4\02022007\J554308B.raw

3 <110> APPLICANT: Takaiwa, Fumio
4 Takagi, Hidenori
6 <120> TITLE OF INVENTION: METHOD OF ACCUMULATING ALLERGEN-SPECIFIC T-CELL ANTIGEN
DETERMINANT IN
7 PLANT AND PLANT HAVING THE ANTIGEN DETERMINANT ACCUMULATED THEREIN
9 <130> FILE REFERENCE: 201487/1160
11 <140> CURRENT APPLICATION NUMBER: US 10/554,308B
12 <141> CURRENT FILING DATE: 2005-10-21
14 <150> PRIOR APPLICATION NUMBER: JP 2003-120639
15 <151> PRIOR FILING DATE: 2003-04-24
17 <150> PRIOR APPLICATION NUMBER: PCT/JP04/005938
18 <151> PRIOR FILING DATE: 2004-04-23
20 <160> NUMBER OF SEQ ID NOS: 10
22 <170> SOFTWARE: PatentIn Ver. 2.0
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 96
26 <212> TYPE: PRT
27 <213> ORGANISM: Homo sapiens
29 <400> SEQUENCE: 1
30 Gly Ile Ile Ala Ala Tyr Gln Asn Pro Ala Ser Trp Lys Ser Met Lys
31 1 5 10 15
33 Val Thr Val Ala Phe Asn Gln Phe Gly Pro Asp Ile Phe Ala Ser Lys
34 20 25 30
36 Asn Phe His Leu Gln Lys Asn Lys Leu Thr Ser Gly Lys Ile Ala Ser
37 35 40 45
39 Cys Leu Asn Tyr Gly Leu Val His Val Ala Asn Asn Asn Tyr Asp Pro
40 50 55 60
42 Ser Gly Lys Tyr Glu Gly Gly Asn Ile Tyr Thr Lys Lys Glu Ala Phe
43 65 70 75 80
45 Asn Val Glu Gln Phe Ala Lys Leu Thr Gly Phe Thr Leu Met Gly Arg
46 85 90 95
49 <210> SEQ ID NO: 2
50 <211> LENGTH: 192
51 <212> TYPE: PRT
52 <213> ORGANISM: Homo sapiens
54 <400> SEQUENCE: 2
55 Gly Ile Ile Ala Ala Tyr Gln Asn Pro Ala Ser Trp Lys Ser Met Lys
56 1 5 10 15
58 Val Thr Val Ala Phe Asn Gln Phe Gly Pro Asp Ile Phe Ala Ser Lys
59 20 25 30
62 Asn Phe His Leu Gln Lys Asn Lys Leu Thr Ser Gly Lys Ile Ala Ser
63 35 40 45
65 Cys Leu Asn Tyr Gly Leu Val His Val Ala Asn Asn Asn Tyr Asp Pro
66 50 55 60

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/554,308B

DATE: 02/02/2007

TIME: 16:06:54

Input Set : N:\efs\01_31_07\10554308B_efs\PTO.AMC.txt
 Output Set: N:\CRF4\02022007\J554308B.raw

68 Ser Gly Lys Tyr Glu Gly Gly Asn Ile Tyr Thr Lys Lys Glu Ala Phe
 69 65 70 75 80
 71 Asn Val Glu Gln Phe Ala Lys Leu Thr Gly Phe Thr Leu Met Gly Arg
 72 85 90 95
 74 Gly Ile Ile Ala Ala Tyr Gln Asn Pro Ala Ser Trp Lys Ser Met Lys
 75 100 105 110
 77 Val Thr Val Ala Phe Asn Gln Phe Gly Pro Asp Ile Phe Ala Ser Lys
 78 115 120 125
 80 Asn Phe His Leu Gln Lys Asn Lys Leu Thr Ser Gly Lys Ile Ala Ser
 81 130 135 140
 83 Cys Leu Asn Tyr Gly Leu Val His Val Ala Asn Asn Asn Tyr Asp Pro
 84 145 150 155 160
 86 Ser Gly Lys Tyr Glu Gly Gly Asn Ile Tyr Thr Lys Lys Glu Ala Phe
 87 165 170 175
 89 Asn Val Glu Gln Phe Ala Lys Leu Thr Gly Phe Thr Leu Met Gly Arg
 90 180 185 190
 93 <210> SEQ ID NO: 3
 94 <211> LENGTH: 24
 95 <212> TYPE: PRT
 96 <213> ORGANISM: Oryza sativaL. cv Mangetsumochi
 98 <400> SEQUENCE: 3
 99 Met Ala Ser Ser Val Phe Ser Arg Phe Ser Ile Tyr Phe Cys Val Leu
 100 1 5 10 15
 102 Leu Leu Cys His Gly Ser Met Ala
 103 20
 106 <210> SEQ ID NO: 4
 107 <211> LENGTH: 24
 108 <212> TYPE: PRT
 109 <213> ORGANISM: Oryza sativaL. cv Mangetsumochi
 111 <400> SEQUENCE: 4
 112 Met Ala Ser Ile Asn Arg Pro Ile Val Phe Phe Thr Val Cys Leu Phe
 113 1 5 10 15
 115 Leu Leu Cys Asp Gly Ser Leu Ala
 116 20
 119 <210> SEQ ID NO: 5
 120 <211> LENGTH: 23
 121 <212> TYPE: PRT
 122 <213> ORGANISM: Oryza sativaL. cv Mangetsumochi
 124 <400> SEQUENCE: 5
 125 Met Ala Ser Lys Val Val Phe Phe Ala Ala Ala Leu Met Ala Ala Met
 126 1 5 10 15
 128 Val Ala Ile Ser Gly Ala Gln
 129 20
 132 <210> SEQ ID NO: 6
 133 <211> LENGTH: 3350
 134 <212> TYPE: DNA
 135 <213> ORGANISM: Artificial Sequence
 137 <220> FEATURE:
 138 <223> OTHER INFORMATION: Description of Artificial Sequence: Artificially constructed
 DNA sequence

RAW SEQUENCE LISTING

DATE: 02/02/2007

PATENT APPLICATION: US/10/554,308B

TIME: 16:06:54

Input Set : N:\efs\01_31_07\10554308B_efs\PTO.AMC.txt

Output Set: N:\CRF4\02022007\J554308B.raw

140 <220> FEATURE:

141 <221> NAME/KEY: CDS

142 <222> LOCATION: (2333)..(2713)

144 <400> SEQUENCE: 6

145 acagattctt gctaccaaca acttcacaaa gtagtagtca accaaaacta tgctaaggaa 60
 147 tcacacctact tccgccccatg accgtgagca cgactgtca aacagttgt taatctctac 120
 149 aaagaaggta cactttacct acacaaacgcc actaacctga gttaccagc ccatgcaaaa 180
 151 tagccacgtc ttgtgactta agggatttcg cgacaaggca tttcgaaagc ccacacaagg 240
 153 acaccttagt aaaactggag ggggtcccaaca gaccaacaac aagtttagtgc ccaaaccatg 300
 155 ttgtgccagg aaaaatccaa ggggtccctcc ccaacaccac cccgacaaat ccacttgtcc 360
 157 atggcatca agatttgctt gacctagcta attactcagc caggcatgtc acaattcacc 420
 159 catgtggtca cacatgttat gttggatga aattctaaag gaatcggtcc atatgagcaa 480
 161 gaccgagaaa ccataccacc agtacttcta ccgaaatacg agtttagtaa actcatttgt 540
 163 ttcaaggca cccgacccag gtgtgtcggg tttccaggg atttgtaaa cccaaagttt 600
 165 acccatagtt gatcattcaa attttgagga gggtcattgg tatccgtacc tgagggcacg 660
 167 aataactgaga cctagcattt tagtcgacca aggaggttaa tgcagcaatt ttaggtgggg 720
 169 cctgttggtt atattgcaaa ctgcggccaa catttcatgt gtaattttaga gatgtgcatt 780
 171 ttgagaaatg aaataacttag ttcaaaat tggctcaaa ataatcaaag gtgacctacc 840
 173 ttgttgata tcttgagctt cttcctcgta ttccgcac taggacttt ctggctccga 900
 175 agctacacgt ggaacgagat aactcaacaa aacgaccaag gaaaagctcg tattagttag 960
 177 tactaagtgt gccactgaat agatctcgat ttttggagaa ttttagaagt tgaacagagt 1020
 179 caatcqaaca gacagttgaa gagatatgga ttttctaaga ttaattgatt ctctgtataa 1080
 181 agaaaaaaaaag tattattgaa taaaatggaa aaagaaaaaag gaaaaaaggggg atggcttctg 1140
 183 ctttttgggc tgaaggccgc gtgtggccag cgtgctgcgt gcggacagcg afgaacacaa 1200
 185 cgacggagca gctacgacga acgggggacc gagtggaccc gacgaggatg tggcttagga 1260
 187 cgagtgcaca aggctagtgg actcggtccc cgccggat cccgagttgtt ccactgtctg 1320
 189 caaacacgat tcacatagag cgggcagacg cgggagccgt cctaggtgca ccgaaagcaa 1380
 191 atccgtcgcc tgggtggatt tgagtgcacac ggcccacgtg tagcctcaca gctctccgtg 1440
 193 gtcagatgtg taaaattatc ataatatgtg ttttcaaat agttaaataa tatatatagg 1500
 195 caagttataa gggtaataa gcaaaaaaaaaa ggcttatgac atggtaaaat tacttacacc 1560
 197 aatatgcctt actgtctgtat atattttaca tgacaacaaa gttacaagta cgtcattttaa 1620
 199 aaatacaagt tacttataa ttgttagtga tcaagtaaat gacaacaaac ctacaaattt 1680
 201 gctattttga aggaacactt aaaaaaaaaatca ataggcaagt tatatagtca ataaactgca 1740
 203 agaaggctta tgacatggaa aaattacata caccaatatg ctttattgtc cggttatattt 1800
 205 tacaagacaa caaaggattata agtatgtcat tttaaaatac aagttactta tcaattgtca 1860
 207 agtaaatgaa aacaaaccta caaattttgtt attttgaagg aacacctaaa ttatcaaata 1920
 209 tagcttgcta cgcaaaatga caacatgctt acaagttatt atcatcttaa agttagactc 1980
 211 atcttctcaa gcataagagc tttatgggc aaaaaacaaat ataatgacaa ggcaaagata 2040
 213 catacatatt aagagtatgg acagacattt cttaacaaa ctccatttgtt attactccaa 2100
 215 aagcaccaga agtttgtcat ggctgagtcg taaaatgtat agttcaatct tgcaaagttg 2160
 217 ctttccttt tttactgtgt ttaaacacta caagccatat attgtctgtc cggtcaacaa 2220
 219 actatatcac catgtatccc aagatgcttt tttattgtca tataaactag ctgggtctgt 2280
 221 ctttgaactc acatcaatta gcttaagttt ccataagcaa gtacaaatag ct atg gcg 2338
 223 agt tcc ggt ttc tct cgg ttt tct ata tac ttt tgt gtt ctt cta tta 2386
 225 tgc cac ggt tct atg gcc cag ccc atg ggc atc atc gca gct tac caa 2434
 227 aat cca gca agc tgg aag agt atg aag gtt aca gtt gca ttc aac caa 2482
 229 ttc ggt cct gat atc ttt gct agc aag aat ttc cac ctc cag aaa aat 2530
 231 aag ctc aca agt ggc aag att gca agc tgc ttg aac tat gga ttg gtt 2578
 233 cat gta gct aac aat gat cca agc ggt aag tat gag ggt ggc 2626

RAW SEQUENCE LISTING

DATE: 02/02/2007

PATENT APPLICATION: US/10/554,308B

TIME: 16:06:54

Input Set : N:\efs\01_31_07\10554308B_efs\PTO.AMC.txt
 Output Set: N:\CRF4\02022007\J554308B.raw

235 aac atc tac act aag gaa gca ttc aac gta gag caa ttt gca aag 2674
 237 ctc aca ggc ttc act ctc atg gga cgc aag gac gag ttg aagagctctg 2723
 239 taattgagaa ctagtatcg cgtagagtaa aataaaacac cacaagtatg acacttggtg 2783
 241 gtgattctgt tcgatatatcg tactaaataa aggttacaaa cttcttaatt ttcttacttc 2843
 243 atgccatgga tattccatta tggactatag tggacaggc cggctatga ttttggggc 2903
 245 ccttaggaact catcgcgatg ggcctcaagc tatataaaa atttattgtat atatataagac 2963
 247 gctaatttta cttgcaaaaat gaaaacaat acatctatata attaaattta acattcctgg 3023
 249 taatttatcaa gaaataaaaat cgaccaaaaat aacaatataat ttgttaacttg gaactataat 3083
 251 aattatttat taacttaatg aagaatagaa ccccgctata tccattgctt cctatgaaaaa 3143
 253 gatacttctt cgggtatttc ttgatgcaaa atcataaaga acggtattaa gatcaatagt 3203
 255 gtccaagata tccttctcgta ttgagcacat agccaagcca tttaaccta tttgcgacag 3263
 257 ttgatctcaa atagttttc aacaacttca atttgataa acttatttca gctgaagcta 3323
 259 ccatcatagg taaagttaa agaattc 3350
 262 <210> SEQ ID NO: 7
 263 <211> LENGTH: 127
 264 <212> TYPE: PRT
 265 <213> ORGANISM: Artificial Sequence
 267 <220> FEATURE:
 268 <223> OTHER INFORMATION: Description of Artificial Sequence: Putative amino acid sequence coded by
 269 artificially constructed DNA sequence
 271 <400> SEQUENCE: 7
 272 Met Ala Ser Ser Gly Phe Ser Arg Phe Ser Ile Tyr Phe Cys Val Leu
 273 1 5 10 15
 275 Leu Leu Cys His Gly Ser Met Ala Gln Pro Met Gly Ile Ile Ala Ala
 276 20 25 30
 278 Tyr Gln Asn Pro Ala Ser Trp Lys Ser Met Lys Val Thr Val Ala Phe
 279 35 40 45
 281 Asn Gln Phe Gly Pro Asp Ile Phe Ala Ser Lys Asn Phe His Leu Gln
 282 50 55 60
 284 Lys Asn Lys Leu Thr Ser Gly Lys Ile Ala Ser Cys Leu Asn Tyr Gly
 285 65 70 75 80
 287 Leu Val His Val Ala Asn Asn Asn Tyr Asp Pro Ser Gly Lys Tyr Glu
 288 85 90 95
 290 Gly Gly Asn Ile Tyr Thr Lys Lys Glu Ala Phe Asn Val Glu Gln Phe
 291 100 105 110
 293 Ala Lys Leu Thr Gly Phe Thr Leu Met Gly Arg Lys Asp Glu Leu
 294 115 120 125
 297 <210> SEQ ID NO: 8
 298 <211> LENGTH: 1474
 299 <212> TYPE: DNA
 300 <213> ORGANISM: Oryza sativa
 302 <400> SEQUENCE: 8
 303 tacagggttc cttgcgtgaa gaagggtggc ctgcggttca ccattaacgg tcacgactac 60
 305 ttccagctag tactggtgac caacgtcgcg gcggcagggt caatcaagtc catggaggtt 120
 307 atgggttcca acacagcggta ttggatgcgc atggcacgtt actggggcgc ccaatggcac 180
 309 tcactggcctt acctcaccgg tcaagggtcta tcctttaggg tcaccaacac agatgaccaa 240
 311 acgctcgtct tcaccaacgt cgtgccacca ggatggaagt ttggccagac atttgcaagc 300
 313 aagctgcagt tcaagtgaga ggagaagcct gaattgatac cggagcgtt ctttgggag 360
 315 taacatctct ggttgcctag caaacatatg attgtatata agtttcgttg tgcgttatt 420

RAW SEQUENCE LISTING

DATE: 02/02/2007

PATENT APPLICATION: US/10/554,308B

TIME: 16:06:54

Input Set : N:\efs\01_31_07\10554308B_efs\PTO.AMC.txt
 Output Set: N:\CRF4\02022007\J554308B.raw

317	cttcggtgt	gtaaaataac	atacatgott	tcctgatatt	ttcttgata	tatgtacaca	480
319	cacacgacaa	atccttccat	ttcttattatt	attgaacaat	ttaattgcga	ggcgagtag	540
321	ttgtctgttt	acctttttt	tttcagatgg	cattttatag	tttaacctt	catggaccgg	600
323	cagtagttct	aaccatgaat	gaaaagaaat	catagtccac	accacgcagg	gacattgtgg	660
325	tcattttaga	caagacgatt	tgattaatgt	cttgtatgt	atggtcgaca	gtgaggacta	720
327	acaaacatata	ggcatatttt	attaccggcg	agttaaataa	atttatgtca	cagaataaaa	780
329	ctgcctaata	aatgcacgcc	agaaaatata	atgataaaaa	aaagaaaaga	tacataagtc	840
331	cattgcttct	actttttaa	aaattaaatc	caacatttc	tatttttgg	tataaacttg	900
333	gaagtagtag	ttggatatgc	aaaatcatct	aacccata	tatttcatca	atttgtttac	960
335	tttacatatg	ggagaggata	gtatgtcaaa	gaaaatgaca	acaagcttac	aagtttctta	1020
337	ttttaaaagt	tccgctaact	tatcaagcat	agtgtgccac	gcaaaaactga	caacaaaacca	1080
339	acaaatttaa	ggagcgccta	acttatcatc	tatgacatac	cgcacaaaat	gataacatac	1140
341	tagagaaact	ttattgcaca	aaaggaaatt	tatccataag	gcaaaaggaac	atcttaaggc	1200
343	tttggatata	catttaccaa	caagcattgt	ttgttattacc	cctaaagcgc	aagacatgtc	1260
345	atccatgagt	catatgtgt	atatctcaac	attgcaaaagc	tacctttttt	ctattatact	1320
347	tttgcattta	taggotagat	attatctata	catgtcaaca	aactctatcc	ctacgtcata	1380
349	tctgaagatt	cttttctca	ctatataagt	tggctccct	gtcattgaac	tcacatcaac	1440
351	cagcccaagt	ttccaataac	atcctcaaat	agct			1474
354	<210>	SEQ ID NO:	9				
355	<211>	LENGTH:	824				
356	<212>	TYPE:	DNA				
357	<213>	ORGANISM:	Oryza sativa				
359	<400>	SEQUENCE:	9				
360	actggataat	tataatatca	gttaaaattg	aaaataatgc	aacttcatac	ttgcatggtg	60
362	tcaagtgtc	ctgcctaaga	aatgtgtctt	gtcataatat	gattacatga	aatatgttta	120
364	cttcctcggt	tctctttatt	tgtaagataa	agaacttagat	atgtggaaag	taggatagca	180
366	aagagtatgg	ccaaactcta	atctttgcctt	tatttttgg	gatggaccca	aaatttggtt	240
368	ctccttact	tctttccctt	tacaacaatg	ttctttactt	ccaattctta	ttaacaaaac	300
370	tccaaataca	tgccaaactg	catatgtatg	tatgttattta	aggcacattt	acaaagctcc	360
372	aagtttacct	actcaatcat	tcacatatgg	cgatgactca	aactcttaat	tgttatctgg	420
374	taagctgtga	tttgtgttaac	acattctaca	agtcccatac	gaattctgtt	cacaaaagtt	480
376	tctttgtcca	gctcataatt	tacaaaactg	caaaatgcca	aagcaatctg	gcacaacctt	540
378	atcatcatat	tttctttcca	cgctttaaag	cactggcaga	attatctttg	tgttagatatt	600
380	ccaaaagtat	tggttgaata	aatgtccaaa	taaattccat	gcctcatgat	ttccagctta	660
382	tgtggcctcc	actaggtggt	tttgc当地	ccaaactctt	tcctggctta	cacagctacc	720
384	agcatgtata	aataggcccc	taggcaacca	ttattccatc	atcctcaaca	atattgtcta	780
386	caccatctgg	aatctgtttt	aacactagta	ttgtagaatc	agca		824
389	<210>	SEQ ID NO:	10				
390	<211>	LENGTH:	931				
391	<212>	TYPE:	DNA				
392	<213>	ORGANISM:	Oryza sativa				
394	<400>	SEQUENCE:	10				
395	gatctttaa	ccgtgctacg	ctgggttaat	tagcgatgg	gcaggtcacg	tacccaaatt	60
397	tcttcactgt	tggatcaact	agagtagtta	aacgaggcga	tgtgatgaag	gctagctatt	120
399	tggaaattttc	caattatccc	tgcataagtc	aggctacaat	agcacctgga	ctacatgcag	180
401	ggattacaaa	ataggtggta	accacattta	ccgcgttaac	cctatcaa	tcaaataaaat	240
403	tttaaaagta	atttgatttt	ttaataaaat	tttgtatgg	ttctcaagct	ttatttgggt	300
405	taccgtgctt	actgc当地	caatggaaa	ccctcaactag	aagttgcacc	tgtcttgtc	360
407	tgtgcaccat	atcatgttga	atcatgtcg	ttgtgtctt	cggaagaacc	gatttactac	420

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 02/02/2007
PATENT APPLICATION: US/10/554,308B TIME: 16:06:55

Input Set : N:\efs\01_31_07\10554308B_efs\PTO.AMC.txt
Output Set: N:\CRF4\02022007\J554308B.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:6; Line(s) 138

Seq#:7; Line(s) 268

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/554,308B

DATE: 02/02/2007

TIME: 16:06:55

Input Set : N:\efs\01_31_07\10554308B_efs\PTO.AMC.txt
Output Set: N:\CRF4\02022007\J554308B.raw

**Raw Sequence Listing before editing
(for reference only)**



IFWO

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/554,308B

DATE: 02/01/2007
TIME: 08:09:06

Input Set : N:\SSLM\10554308B.txt
Output Set: N:\CRF4\02012007\J554308B.raw

3 <110> APPLICANT: Takaiwa, Fumio
4 Takagi, Hidenori
6 <120> TITLE OF INVENTION: METHOD OF ACCUMULATING ALLERGEN-SPECIFIC T-CELL ANTIGEN
DETERMINANT IN
7 PLANT AND PLANT HAVING THE ANTIGEN DETERMINANT ACCUMULATED THEREIN
9 <130> FILE REFERENCE: 201487/1160
11 <140> CURRENT APPLICATION NUMBER: US 10/554,308B
12 <141> CURRENT FILING DATE: 2005-10-21
14 <150> PRIOR APPLICATION NUMBER: JP 2003-120639
15 <151> PRIOR FILING DATE: 2003-04-24
17 <150> PRIOR APPLICATION NUMBER: PCT/JP04/005938
W--> 18 <151> PRIOR FILING DATE: 151> 2004-04-23
20 <160> NUMBER OF SEQ ID NOS: 10
22 <170> SOFTWARE: PatentIn Ver. 2.0

ERRORED SEQUENCES

389 <210> SEQ ID NO: 10
390 <211> LENGTH: 931
391 <212> TYPE: DNA
392 <213> ORGANISM: Oryza sativa
394 <400> SEQUENCE: 10
395 gatcttttaa ccgtgctacg ctgggttaat tagcgatgg gcaggtcacg tacccaaatt 60
397 tcttcactgt tggatcaact agagtagtta aacgagggca tgtgatgaag gctagctatt 120
399 taaaattttc caattatccc tgcataagtc aggctacaat agcaccttga ctacatgcag 180
401 ggattacaaa ataggtggta accacattta ccgcgttaac cctatcaaatt tcaaataaaat 240
403 tttaaaagta atttgatttt ttaataaaat tttgtatggt ttctcaagct ttattttgg 300
405 taccgtgctt actgcccagg caatggaaa ccctcaactag aagttgcacc tggcttgc 360
407 tgtgcaccaat atcatgttga atcatgtgcg ttgtgtctt cggagaacc gatttactac 420
409 atgactcatac aattccactt tacgtatcaa aagggttggt atggggccaa tgctttgtg 480
411 aaattaaatt tttatgtc gtcacgtt atctagttaa acaactaccta cctaccattta 540
413 caaaaccta ttccacaaaaa cgatgcattt agataaaaaa tatgacatgt aaagttagta 600
415 atgactcatac tttattatca aaaatcgata acaatcaaattt gatatacgta gtaaagtacc 660
417 ttgtaaatgg catgtccaaag tatgtgtacg tccacccatgc acaatatccc aagtgtatcat 720
419 cattaaaaggc atacaaatac aagcagccga tgatgcacac aagaaacaac acaaattgca 780
421 caaaacccaaa agcaaccgat gccttgagca tagagatcat gctattccca ctataaatac 840
423 aaatgcacca tatcaagatg ctccctcaccc ttactgaaaa atcacaaaca tcaaaacgtt 900
425 ataaagagttc tctagcatcc atcacatagc c 931

E--> 433

insert opening
bracket

Does Not Comply
Corrected Diskette Needed

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 02/01/2007
PATENT APPLICATION: US/10/554,308B TIME: 08:09:07

Input Set : N:\SSLM\10554308B.txt
Output Set: N:\CRF4\02012007\J554308B.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:6; Line(s) 138
Seq#:7; Line(s) 268

VERIFICATION SUMMARY DATE: 02/01/2007
PATENT APPLICATION: US/10/554,308B TIME: 08:09:07

Input Set : N:\SSLM\10554308B.txt
Output Set: N:\CRF4\02012007\J554308B.raw

L:18 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:433 M:254 E: No. of Bases conflict, this line has no nucleotides.